

**Abstract**

- An electric vehicle includes a drive-motor driving device and a compressor-driving device for air-conditioning. Both of these driving devices share a smoothing capacitor and a radiator. The drive-motor driving devices, the
- 5 compressor-driving device, and the smoothing capacitor are disposed in a shielding case against electromagnetic wave, so that the electric circuit of the vehicle can be downsized and light-weighted.